20TTTO" 90h2E660

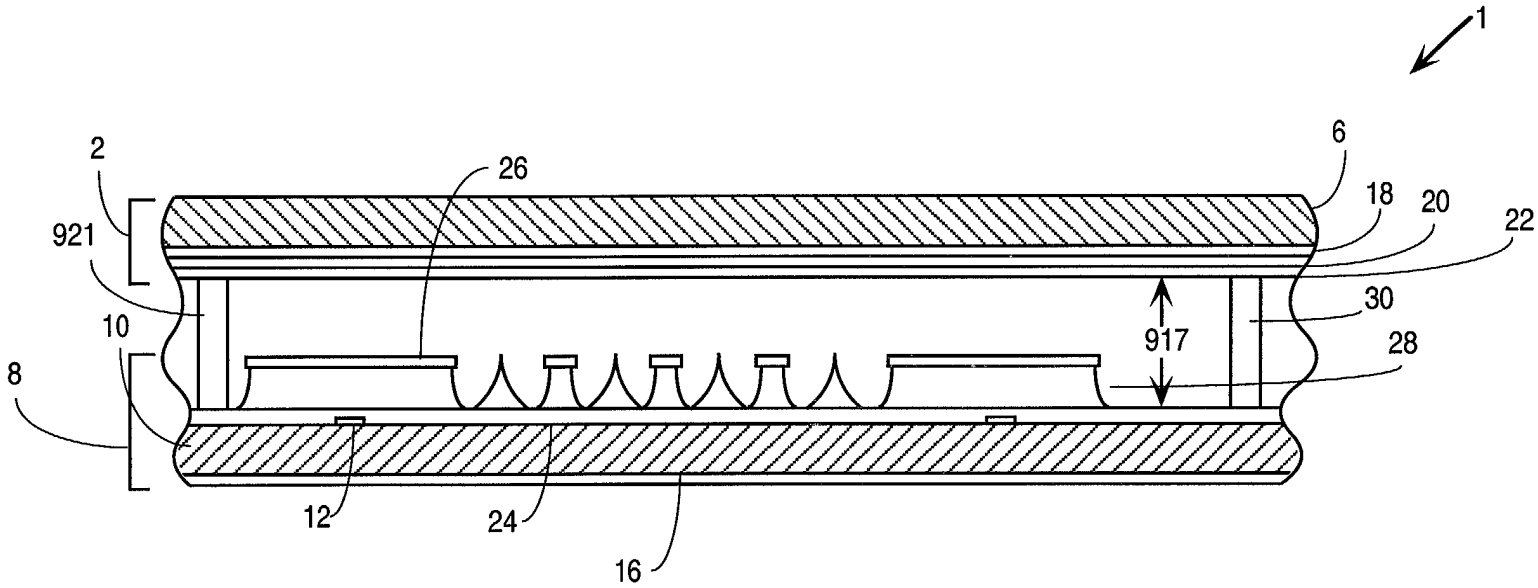


Fig. 1
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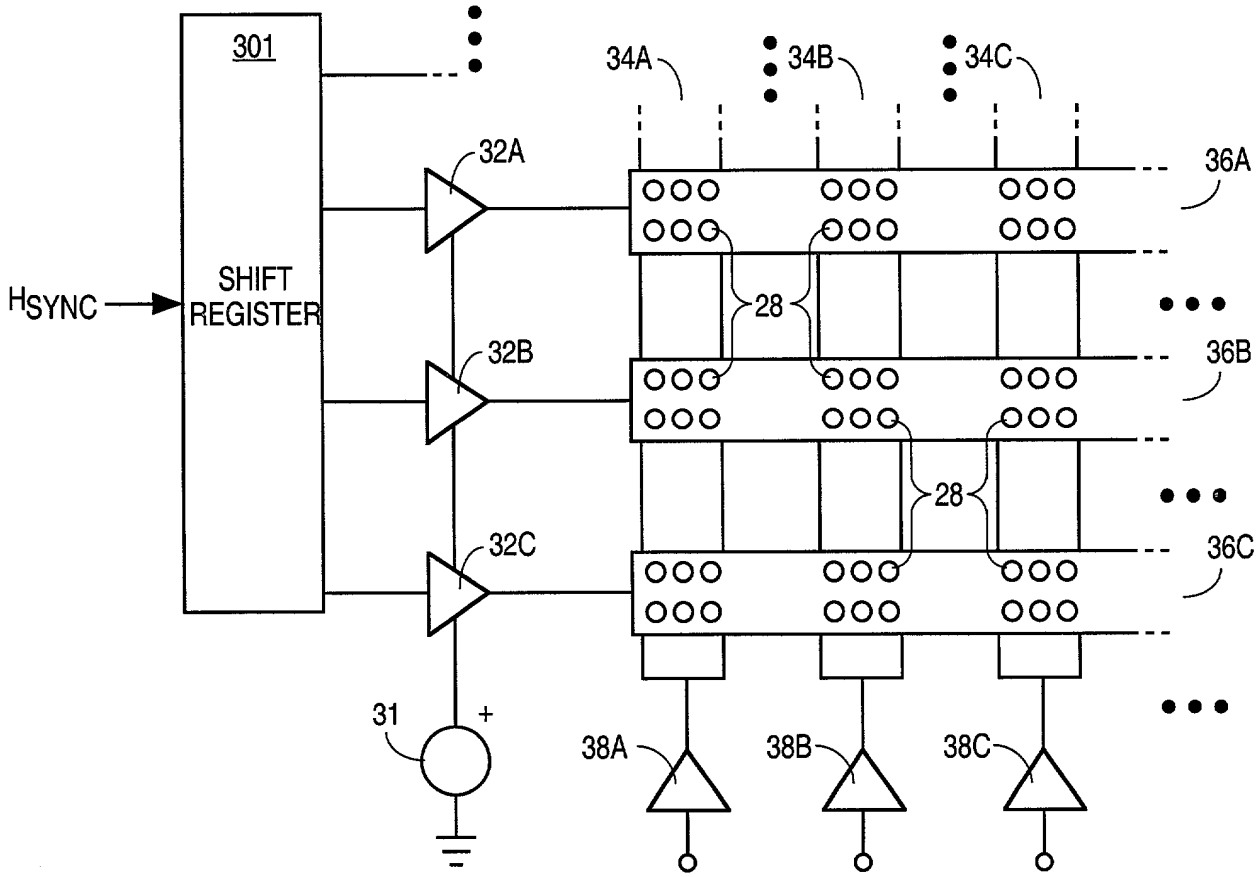


Fig. 2
(Prior Art)

Docket: 5050-1-05-US

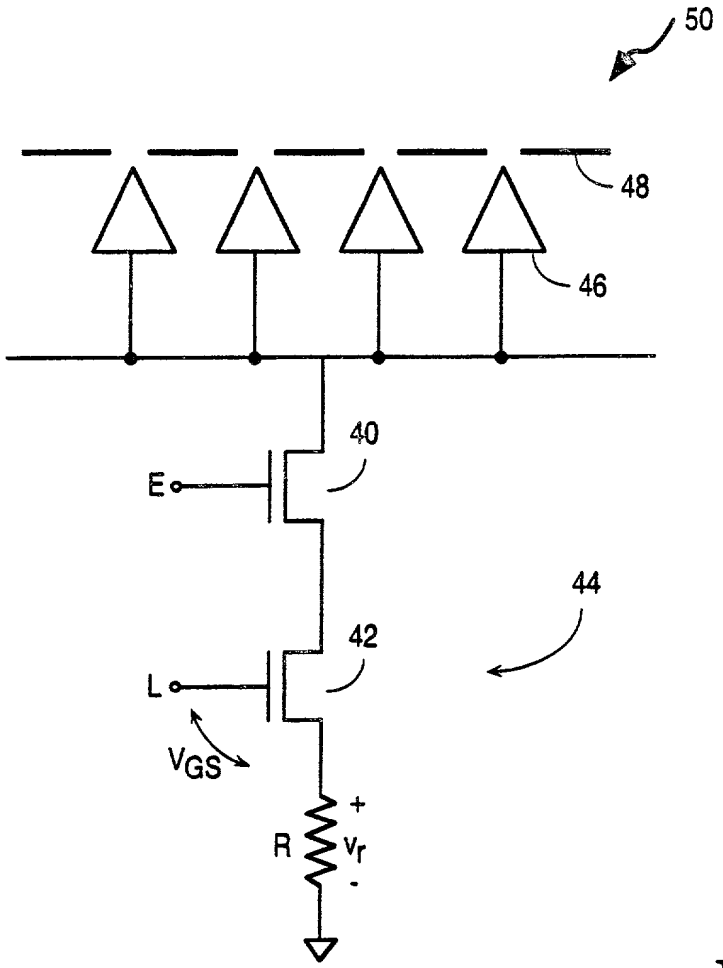


Fig. 3
(Prior Art)

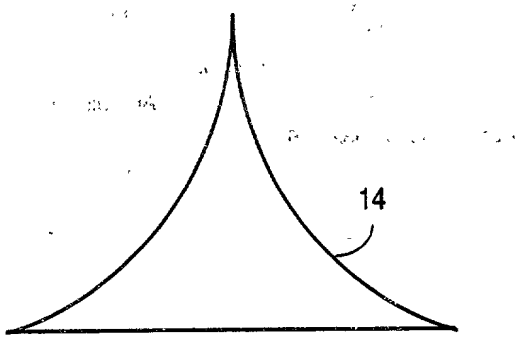


Fig. 4
(Prior Art)

20TTTO" 90h2E660

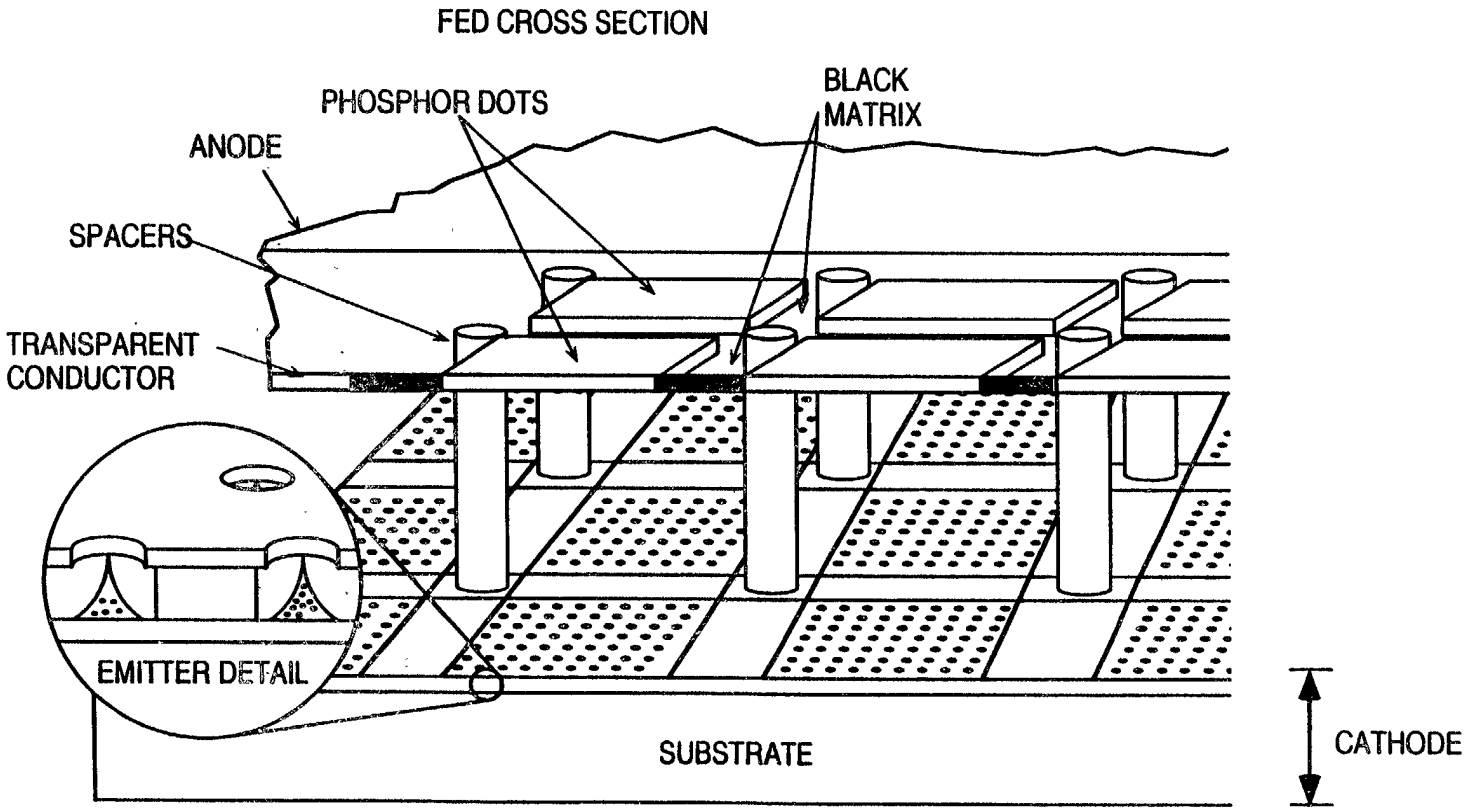


Fig. 5
(Prior Art)

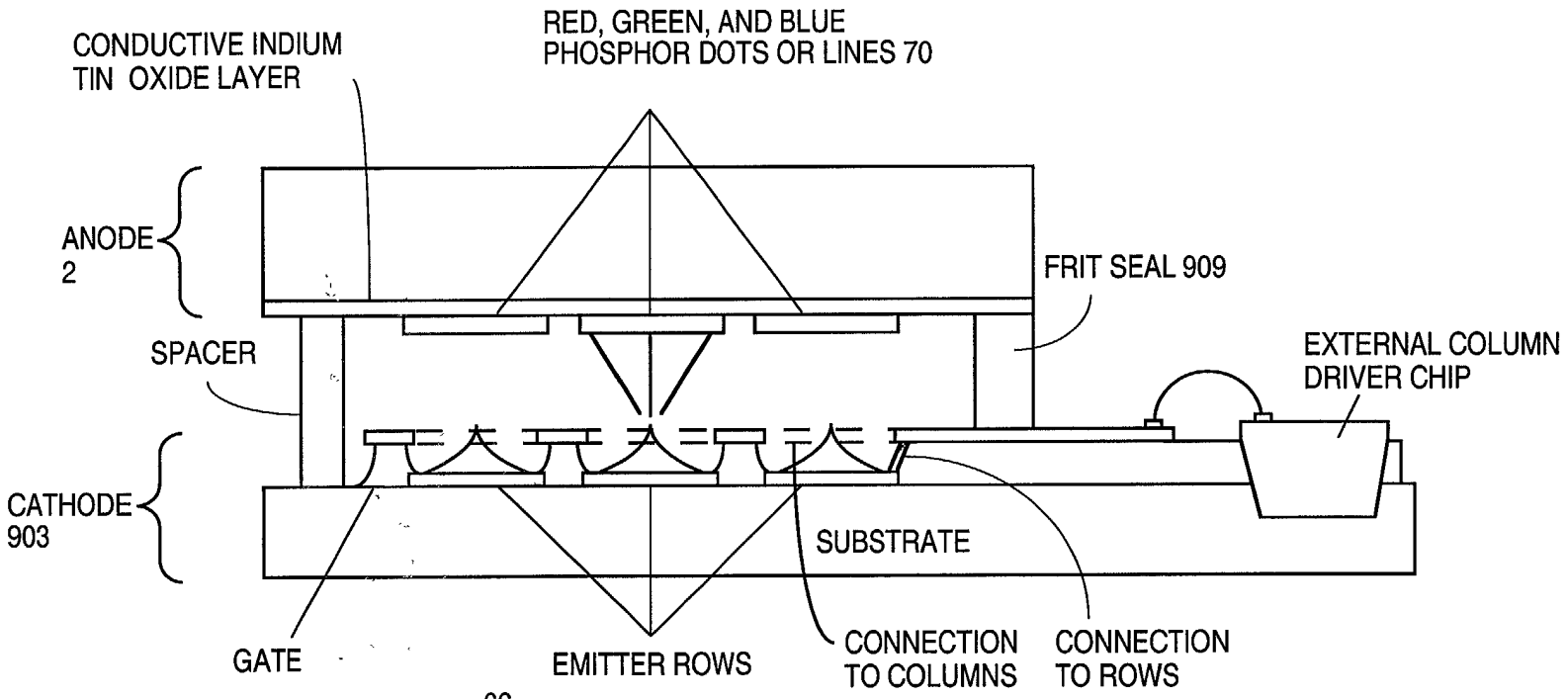


Fig. 6
(Prior Art)

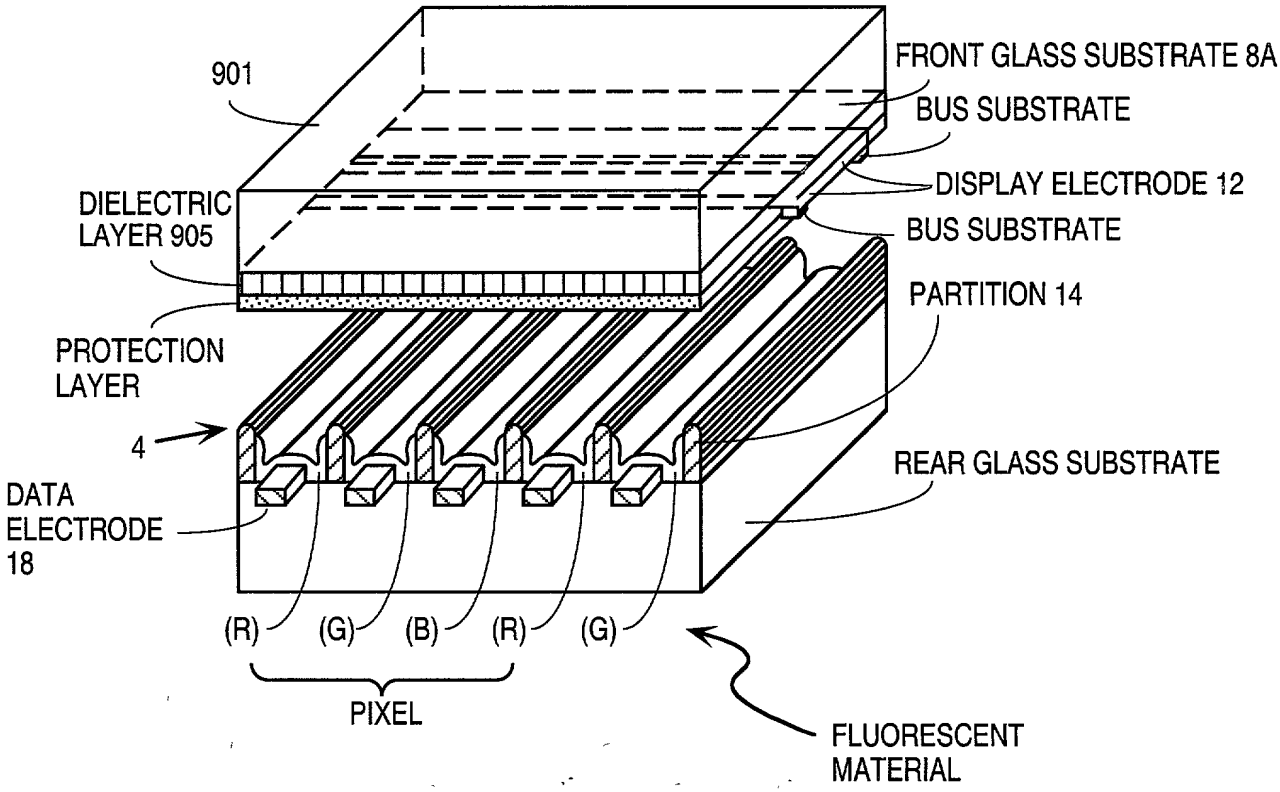


Fig. 7
(Prior Art)

20TTTO" 90h2E660

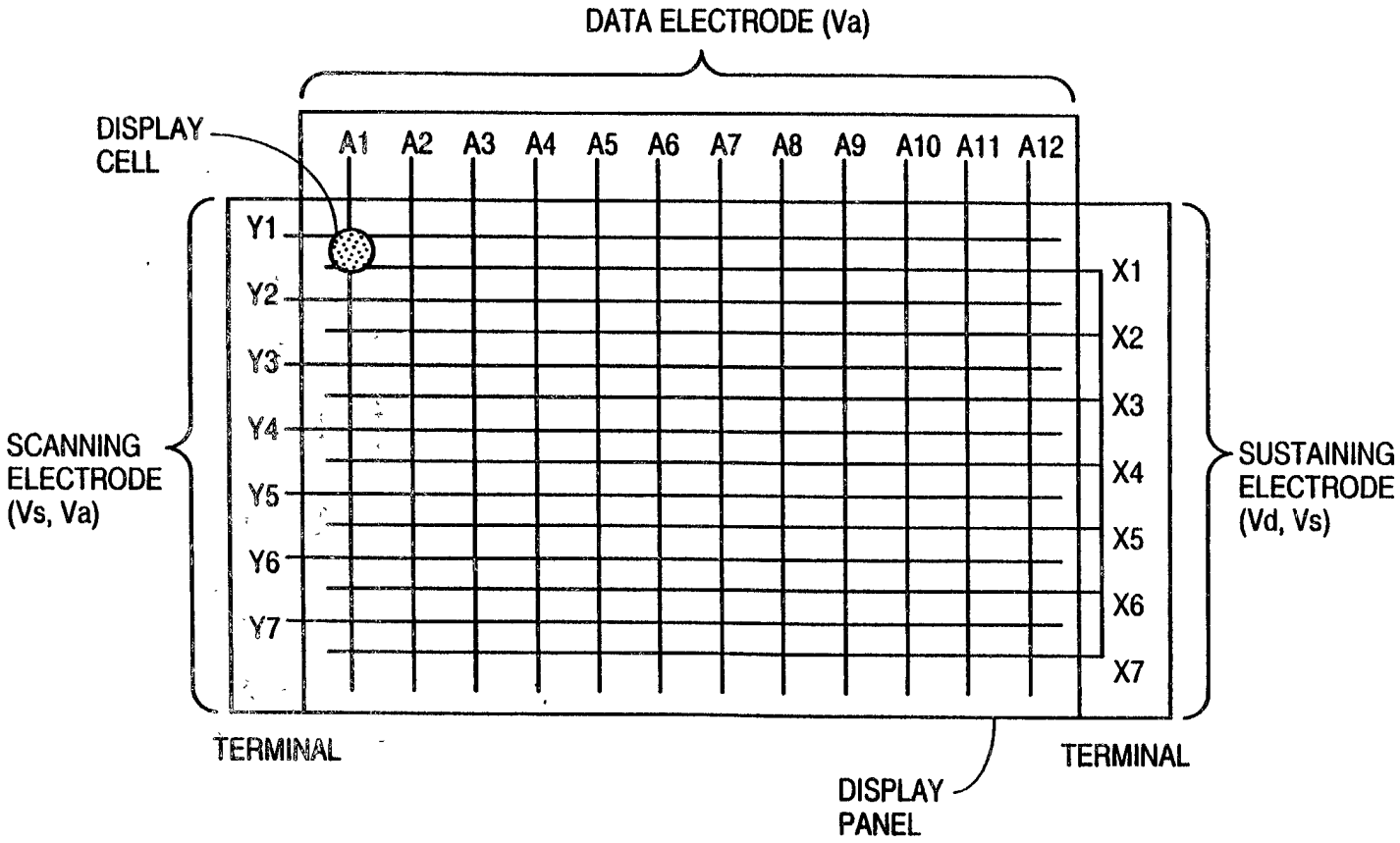


Fig. 8
(Prior Art)

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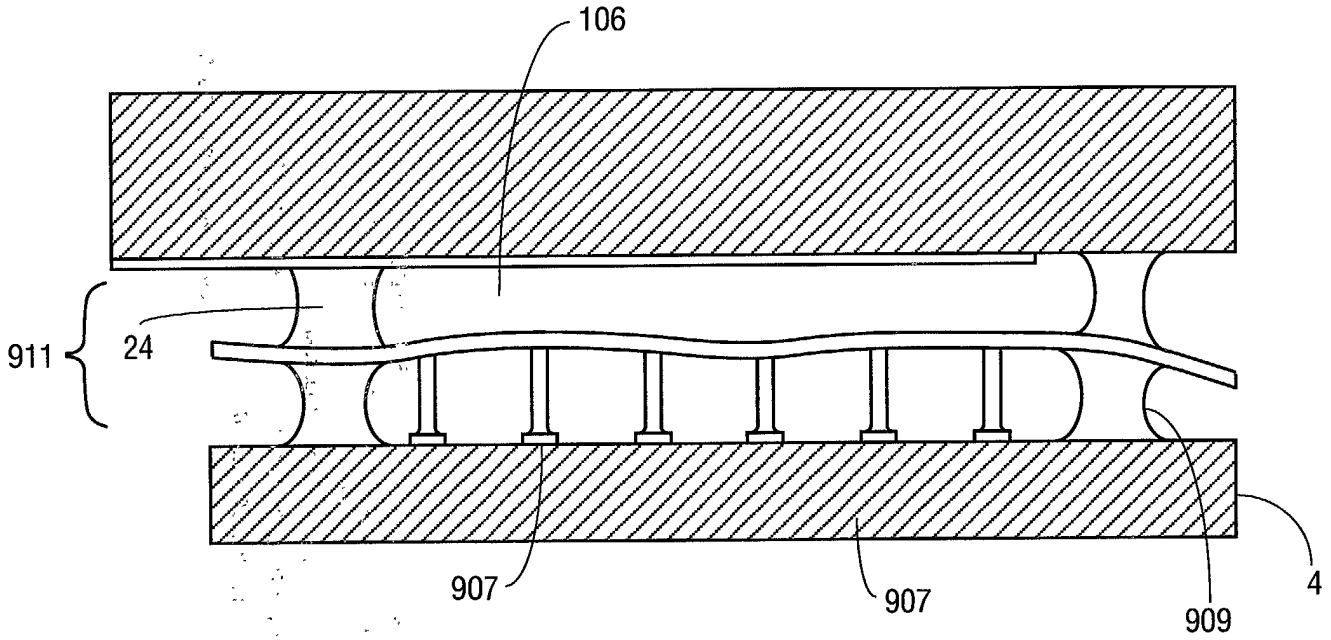


Fig. 9
(Prior Art)

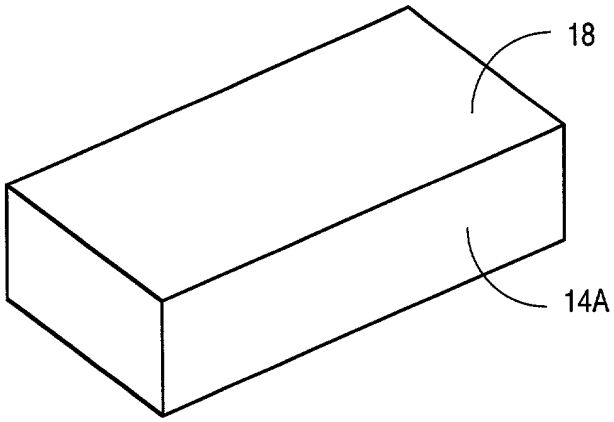


Fig. 10
(Prior Art)

Document Provided

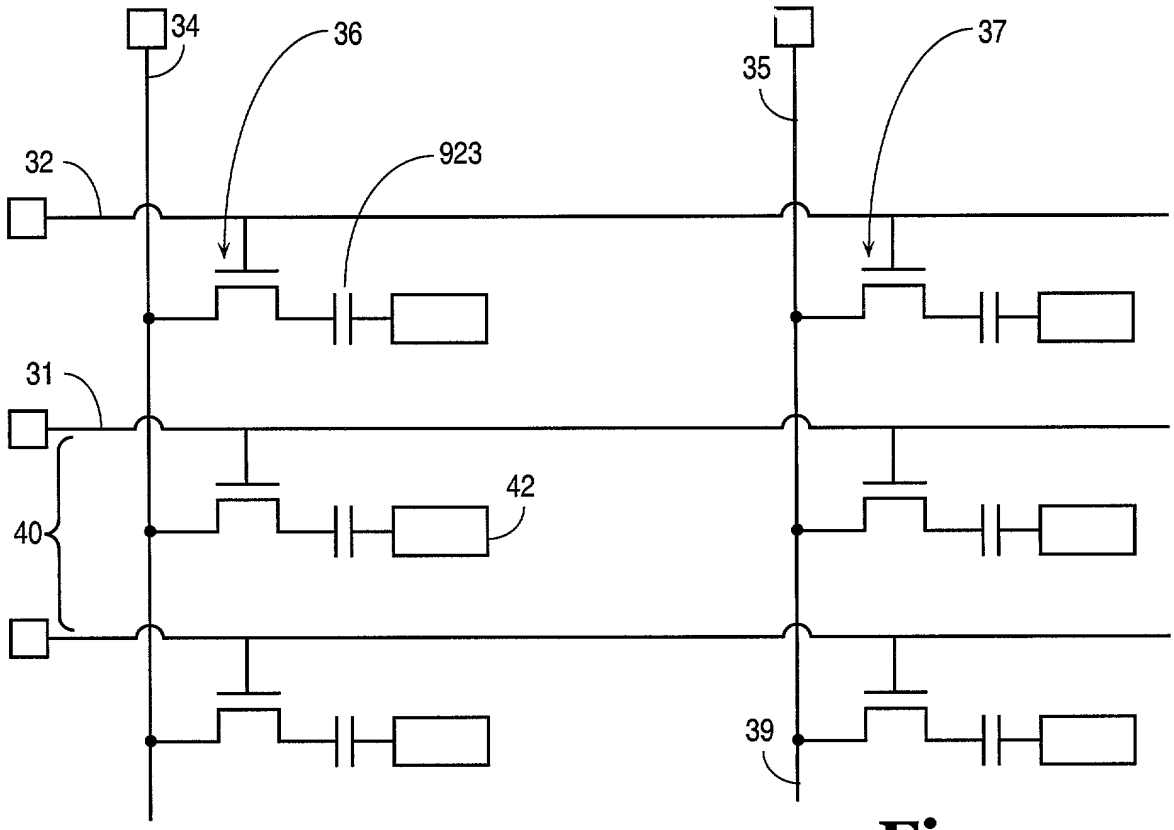


Fig. 11
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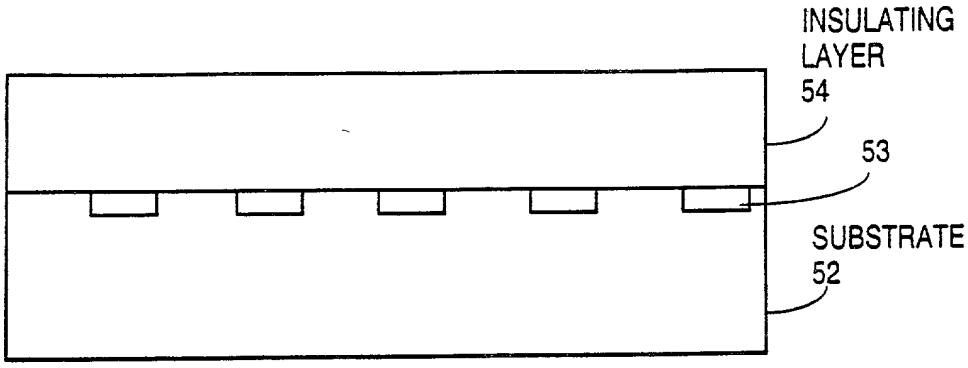


Fig. 12A

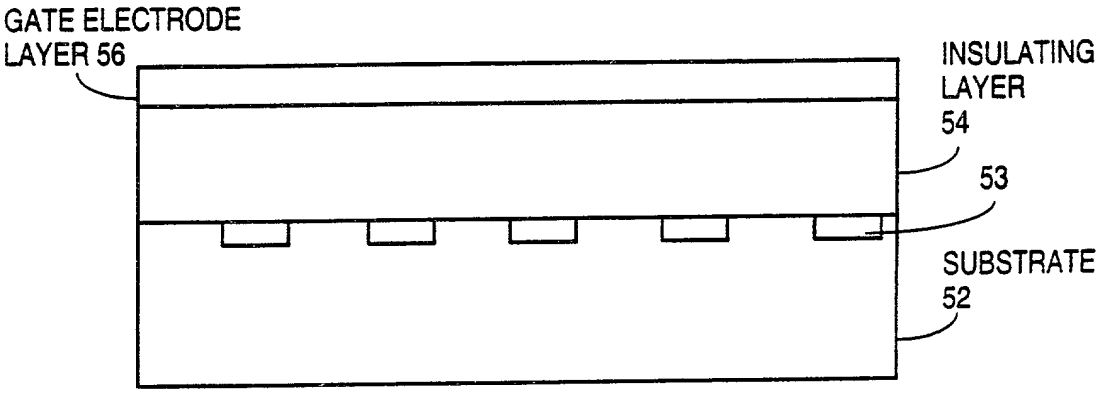


Fig. 12B

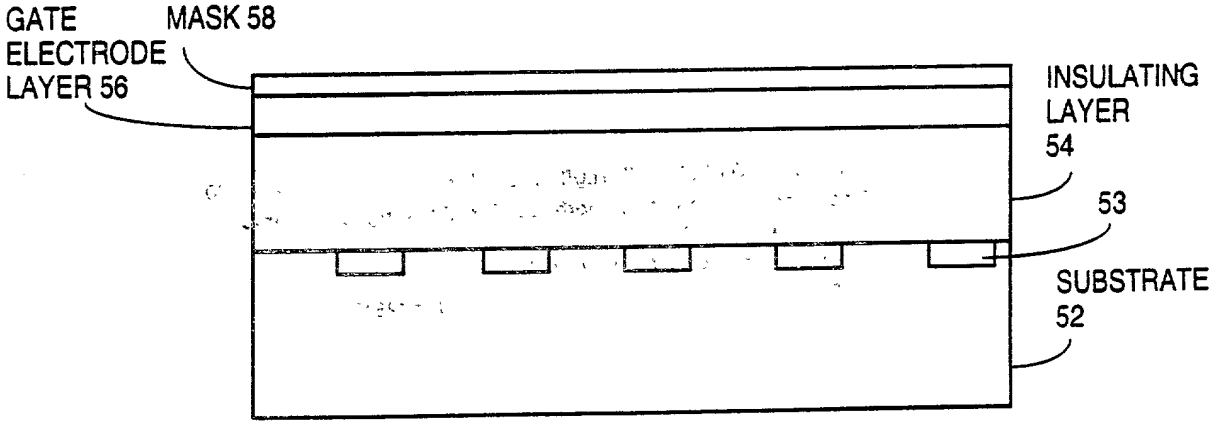


Fig. 12C

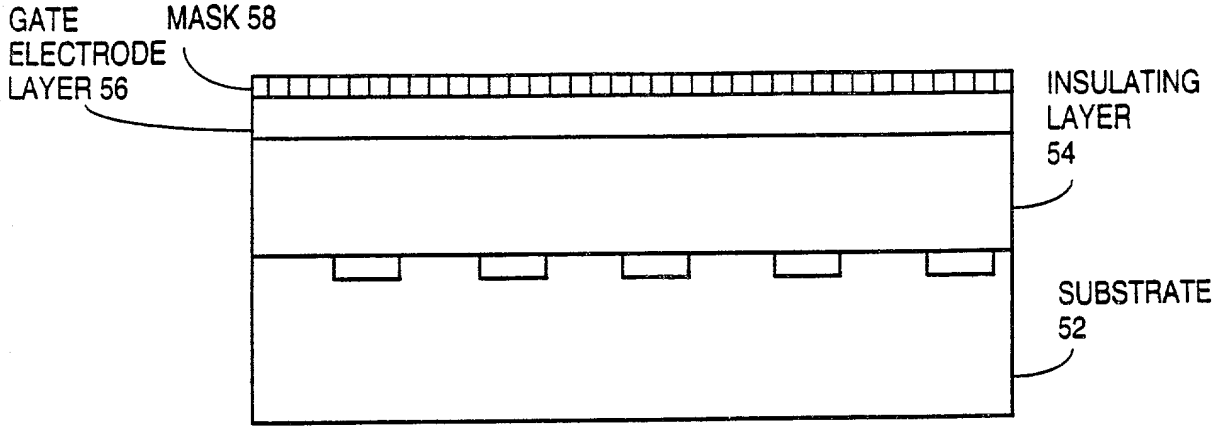


Fig. 12D

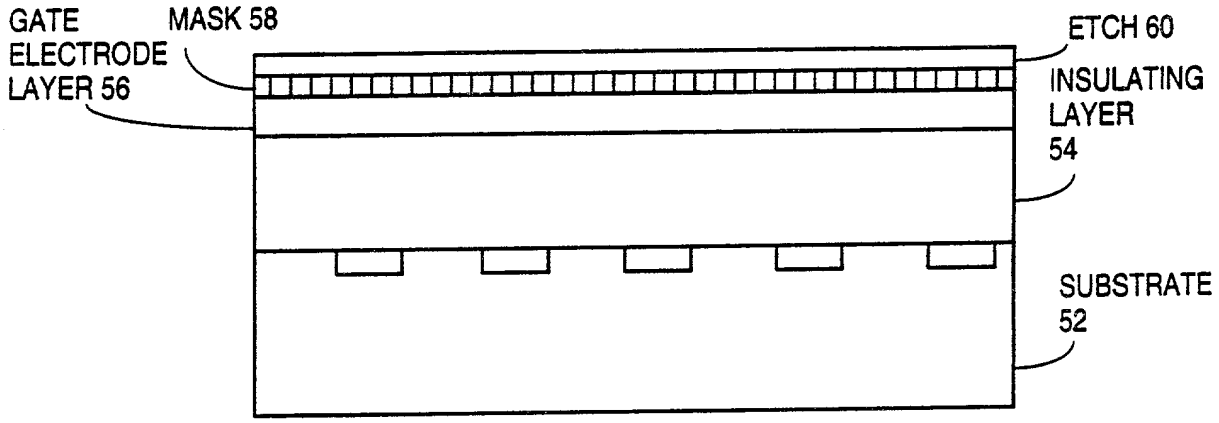


Fig. 12E

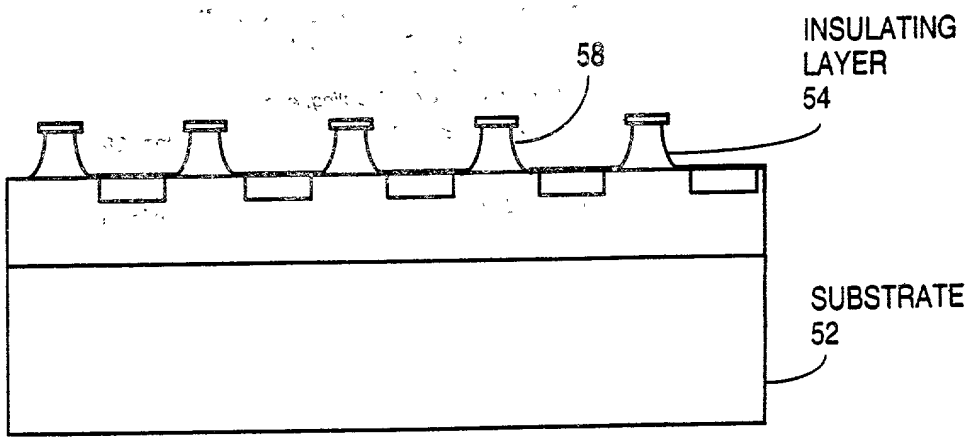


Fig. 12F

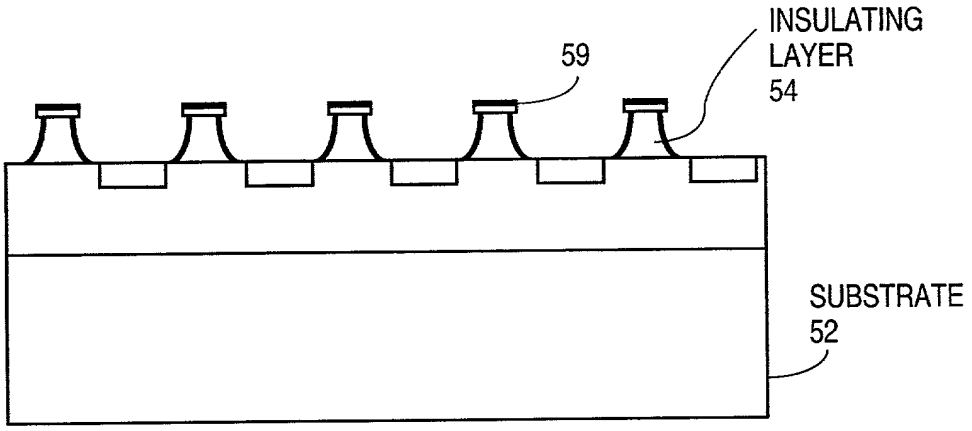


Fig. 12G

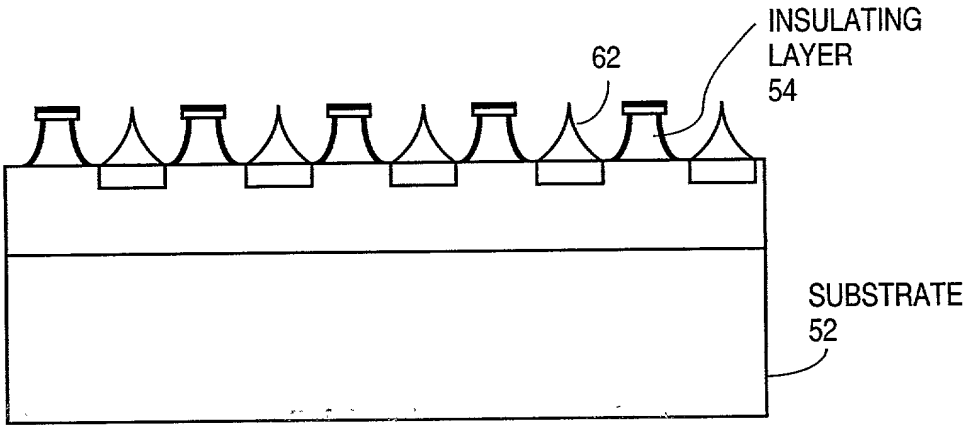


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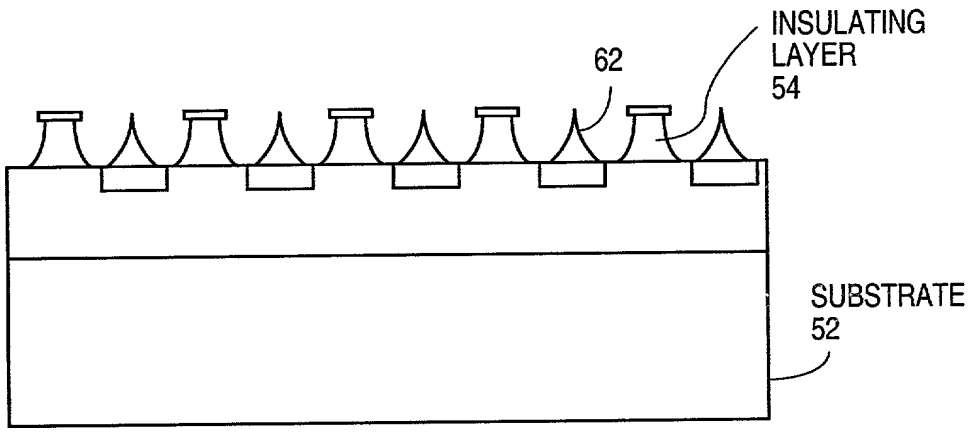


Fig. 12I

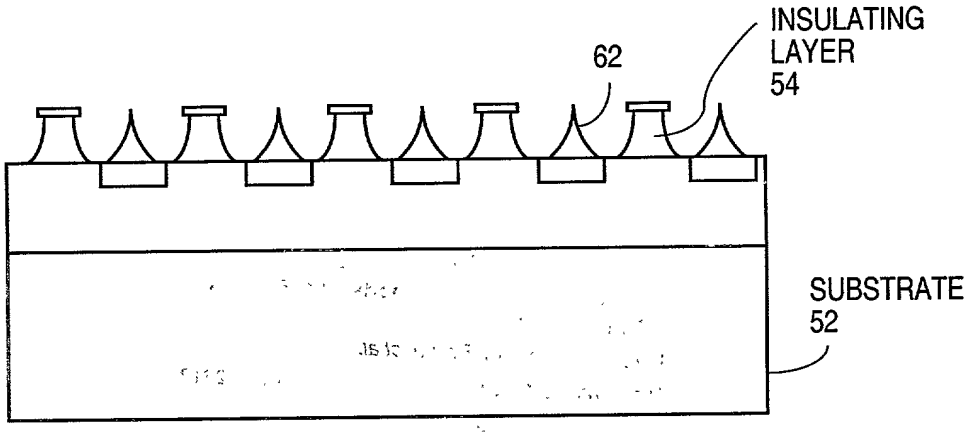


Fig. 12J

20TTTO' 90h2E660

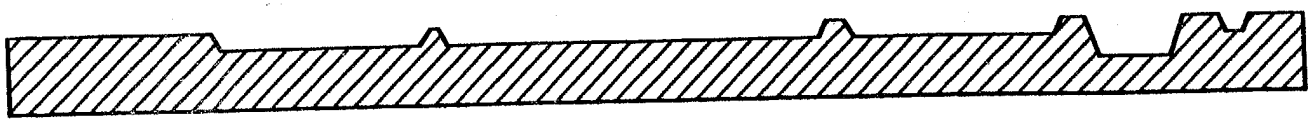


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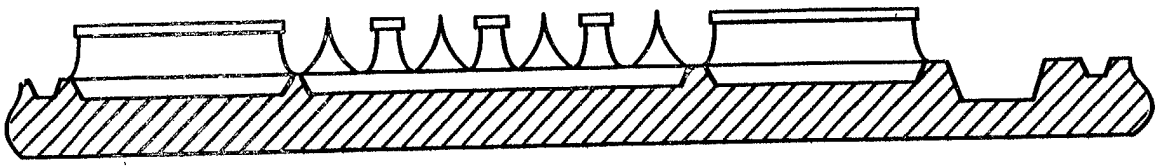


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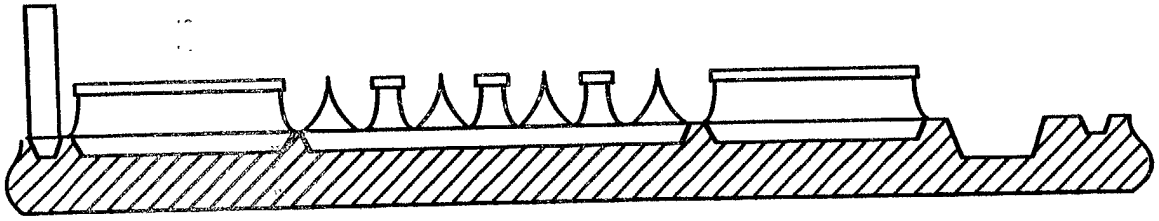


Fig. 12M

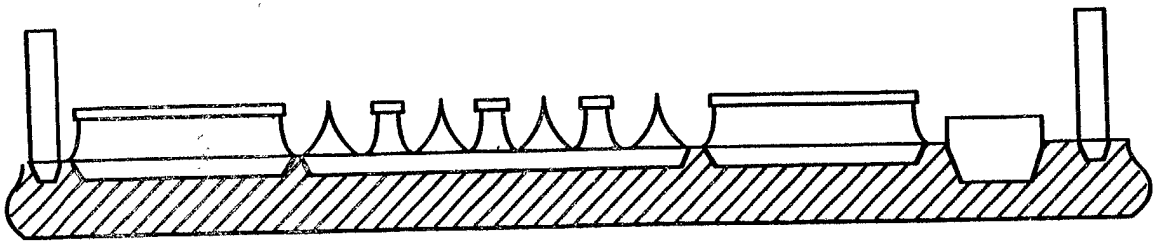


Fig. 12N

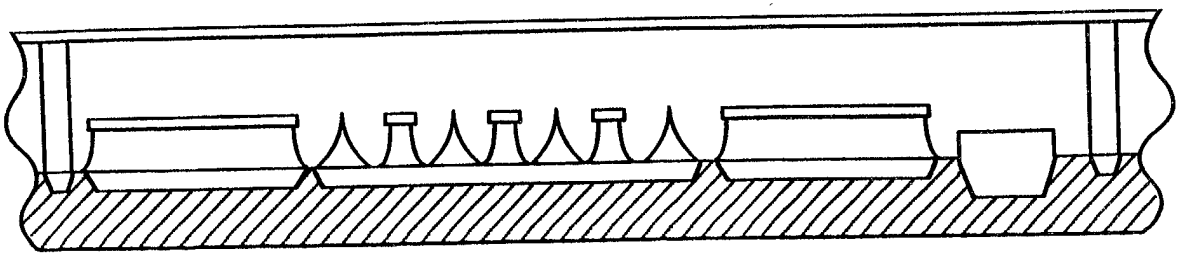


Fig. 12O

20TTTO' 90h2E660



Fig. 13A

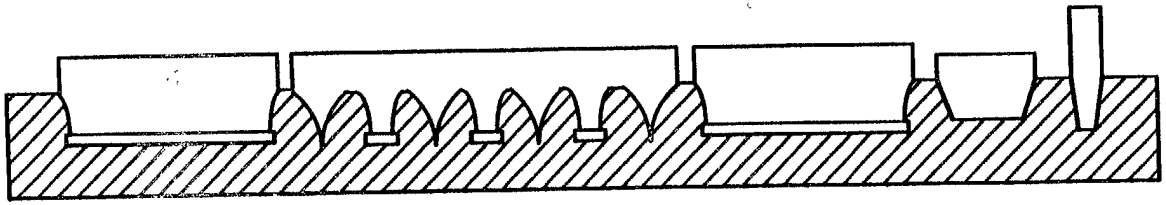


Fig. 13B

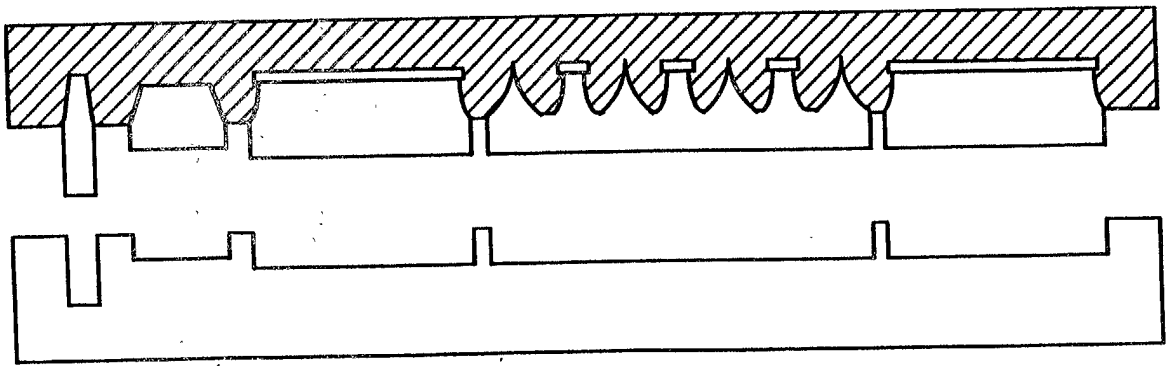


Fig. 13C

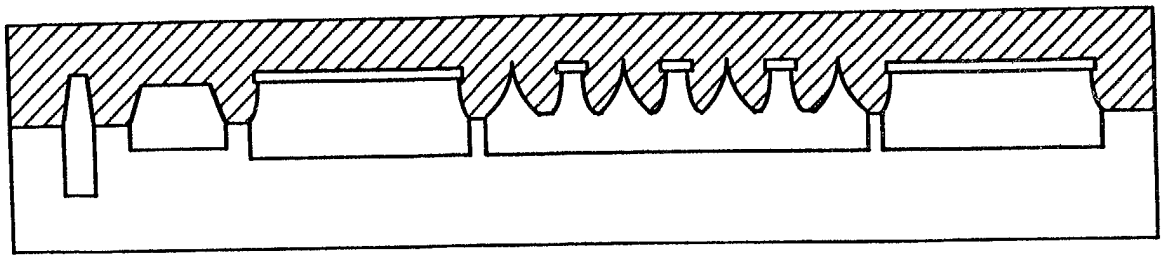


Fig. 13D

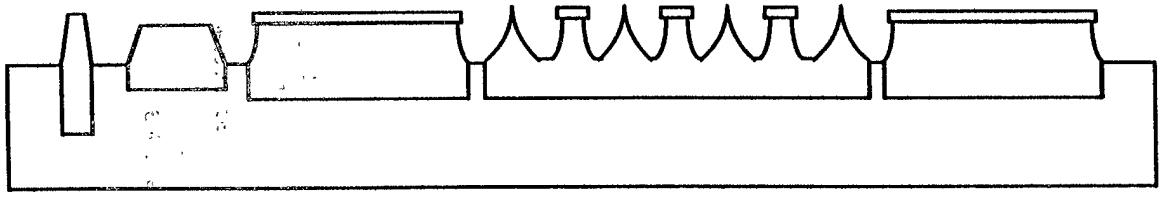


Fig. 13E

20TTTO" 90h2E660



Fig. 14A

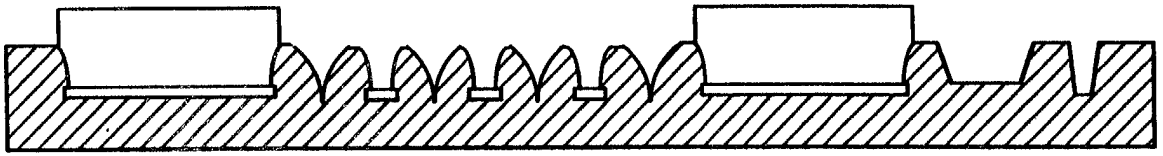


Fig. 14B

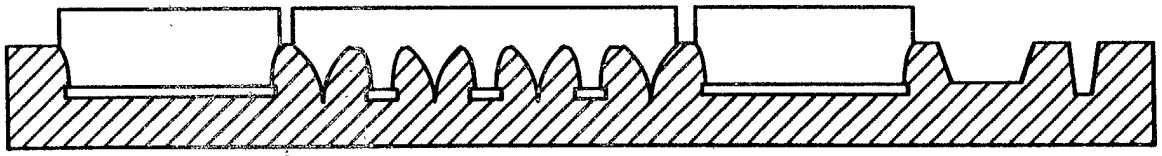


Fig. 14C

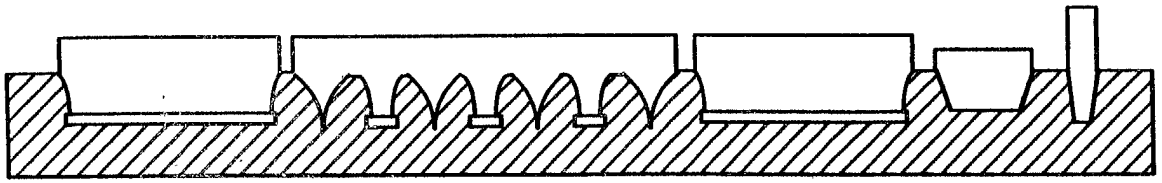


Fig. 14D

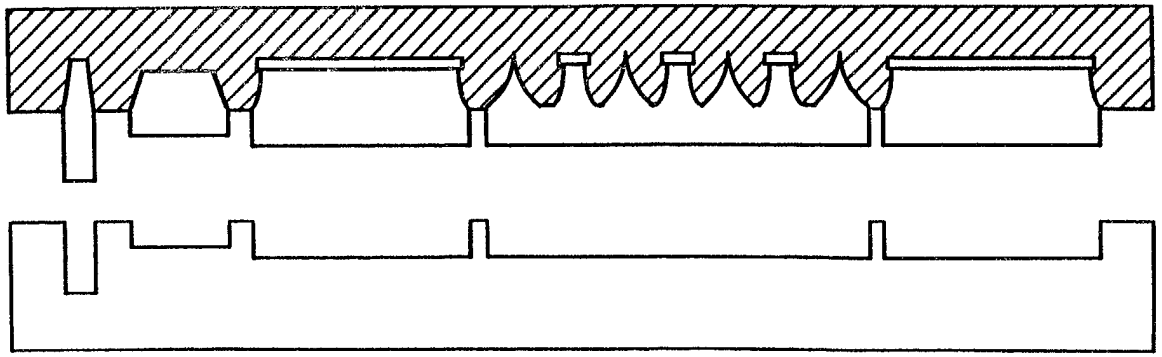


Fig. 14E

Docket No. 95E13506

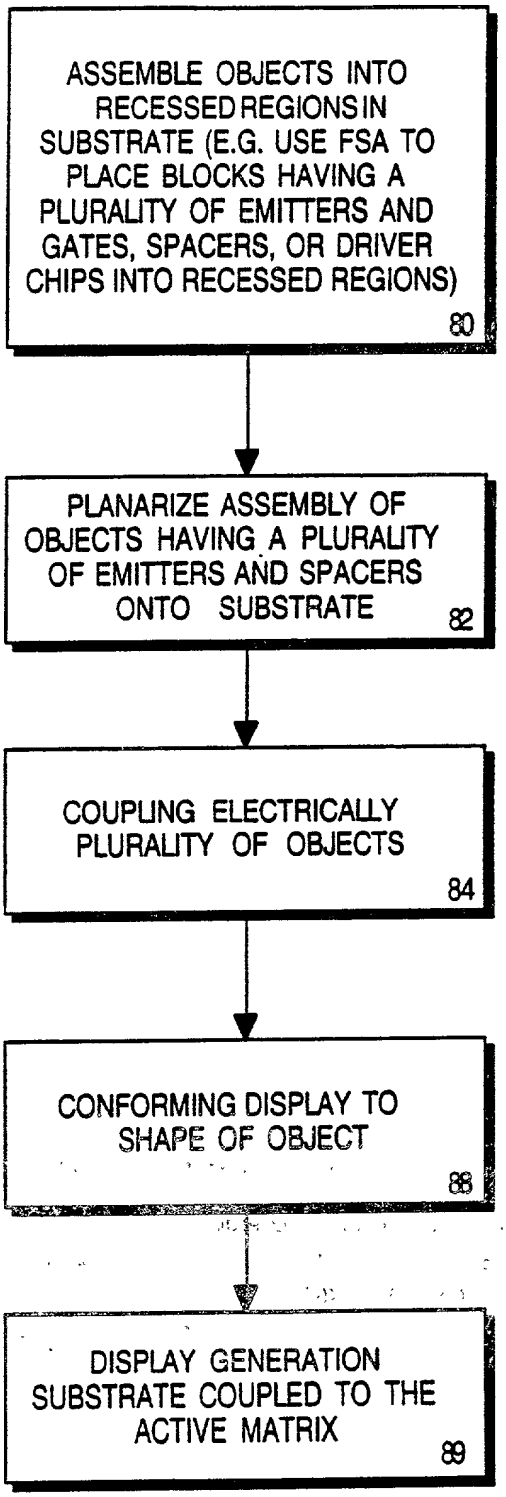


Fig. 15

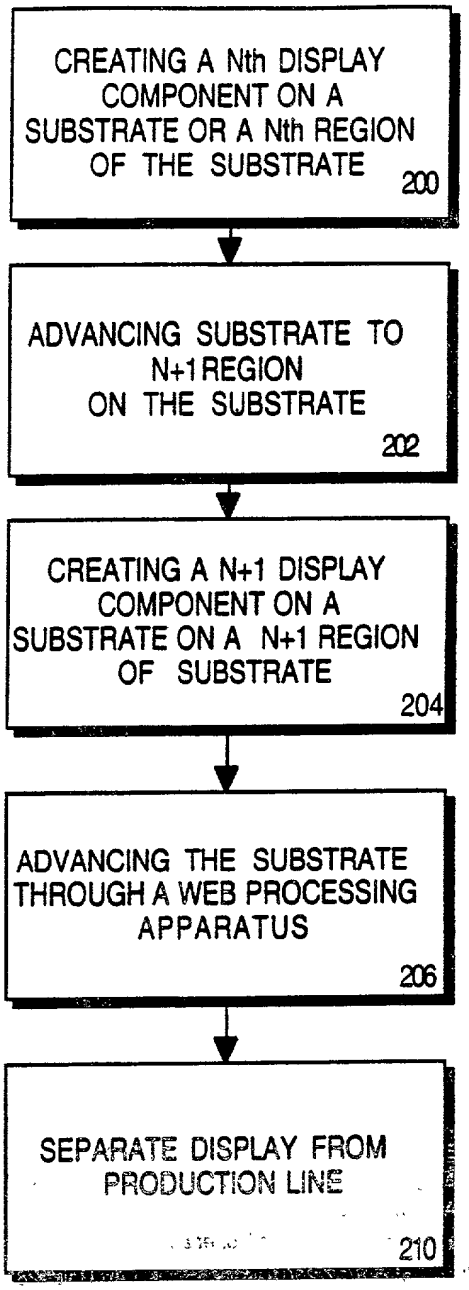

CREATING A Nth DISPLAY COMPONENT ON A SUBSTRATE OR A Nth REGION OF THE SUBSTRATE
200
ADVANCING SUBSTRATE TO N+1 REGION ON THE SUBSTRATE
202
CREATING A N+1 DISPLAY COMPONENT ON A SUBSTRATE ON A N+1 REGION OF SUBSTRATE
204
ADVANCING THE SUBSTRATE THROUGH A WEB PROCESSING APPARATUS
206
SEPARATE DISPLAY FROM PRODUCTION LINE
210

Fig. 16

Docket No. 9015-0104

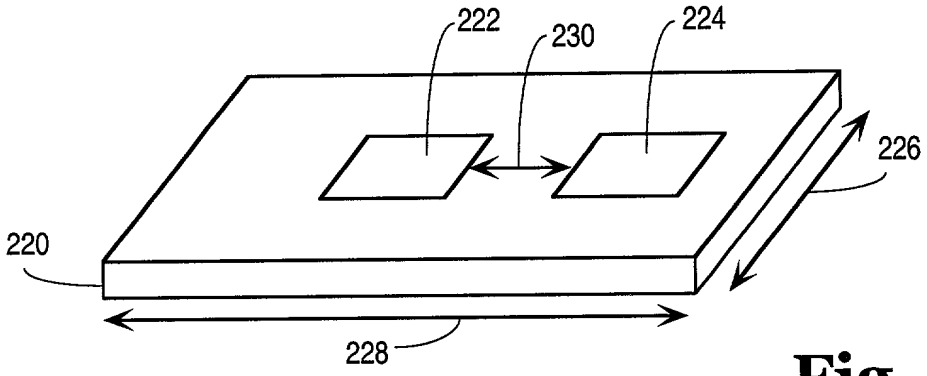


Fig. 17

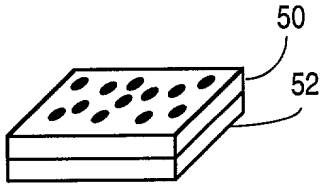


Fig. 18

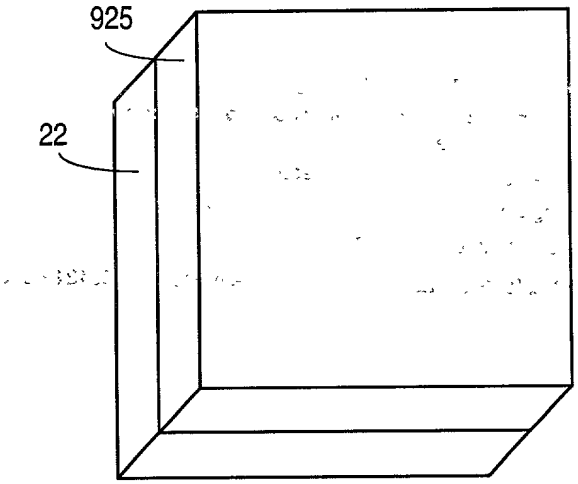


Fig. 19

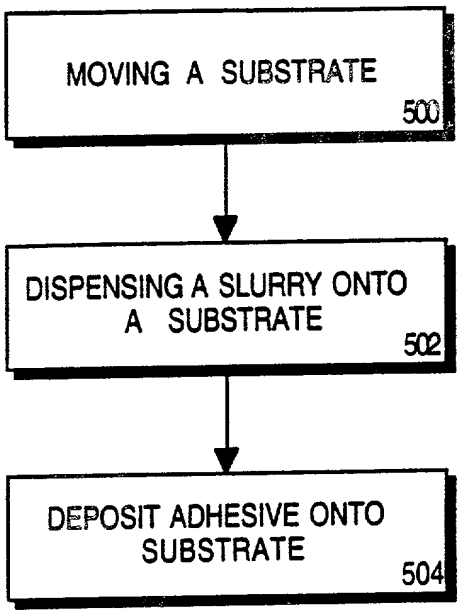

MOVING A SUBSTRATE
500
DISPENSING A SLURRY ONTO A SUBSTRATE
502
DEPOSIT ADHESIVE ONTO SUBSTRATE
504

Fig. 20A

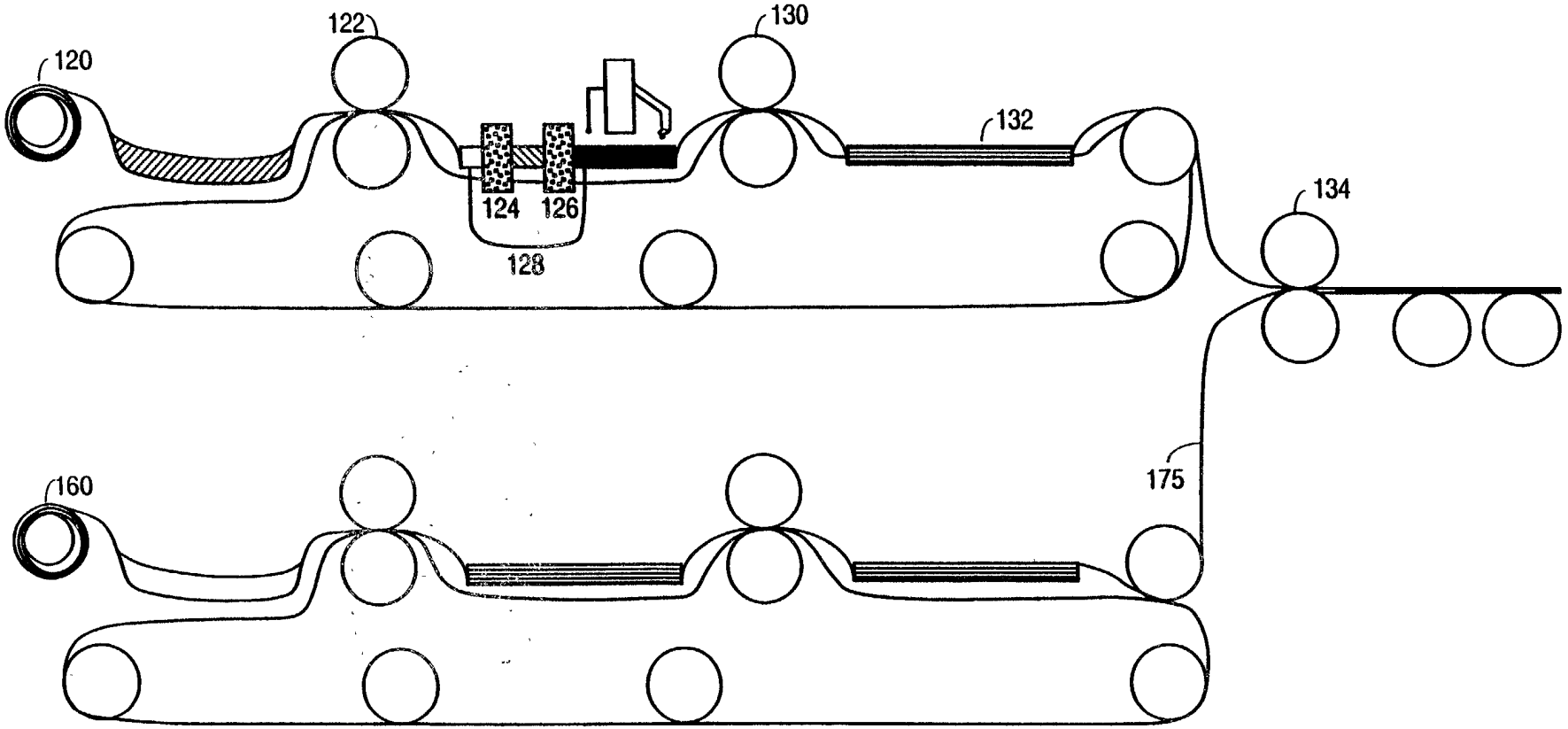


Fig. 20B

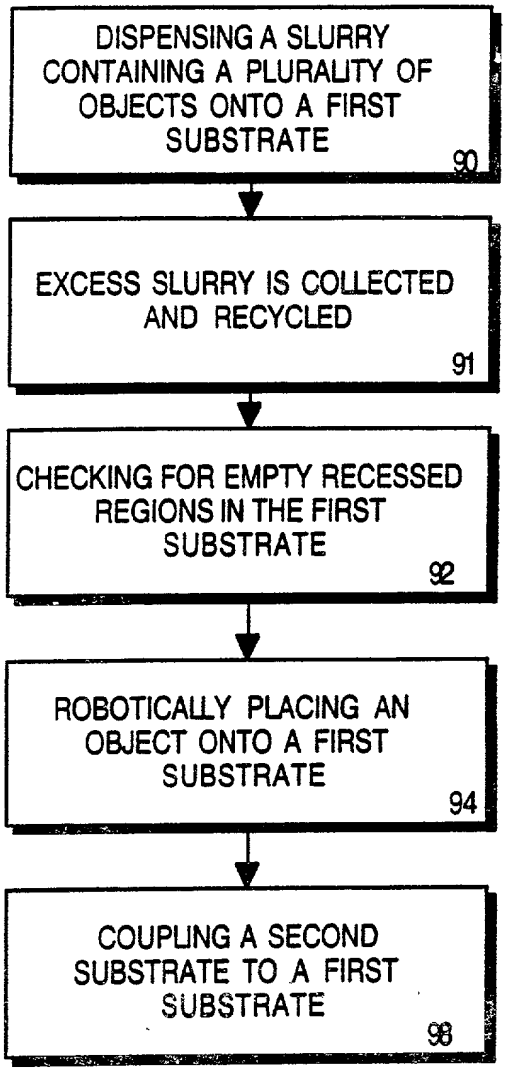

DISPENSING A SLURRY CONTAINING A PLURALITY OF OBJECTS ONTO A FIRST SUBSTRATE
90
EXCESS SLURRY IS COLLECTED AND RECYCLED
91
CHECKING FOR EMPTY RECESSED REGIONS IN THE FIRST SUBSTRATE
92
ROBOTICALLY PLACING AN OBJECT ONTO A FIRST SUBSTRATE
94
COUPLING A SECOND SUBSTRATE TO A FIRST SUBSTRATE
96

Fig. 21

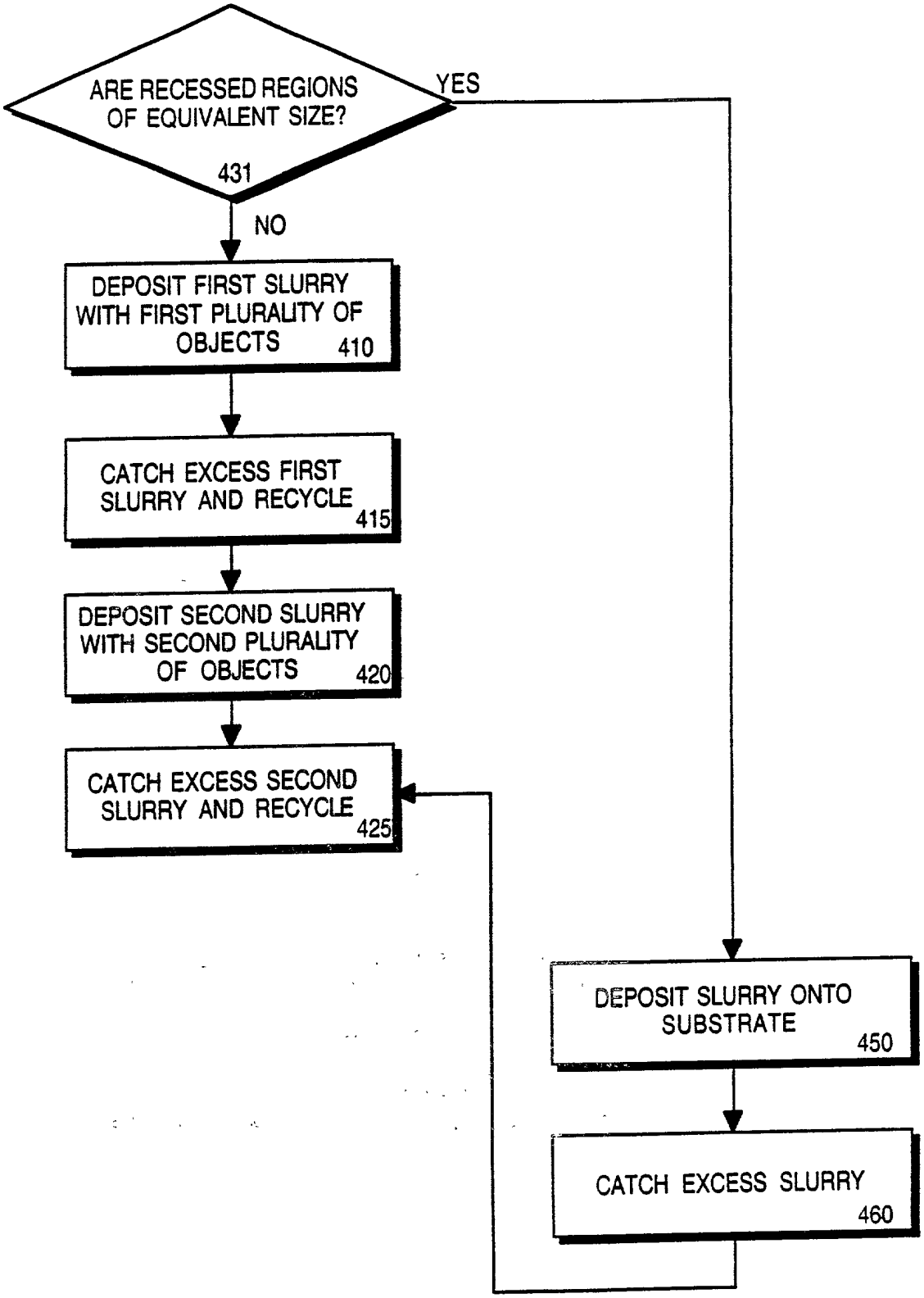

ARE RECESSED REGIONS OF EQUIVALENT SIZE?
431
YES
NO
DEPOSIT FIRST SLURRY WITH FIRST PLURALITY OF OBJECTS
410
CATCH EXCESS FIRST SLURRY AND RECYCLE
415
DEPOSIT SECOND SLURRY WITH SECOND PLURALITY OF OBJECTS
420
CATCH EXCESS SECOND SLURRY AND RECYCLE
425
DEPOSIT SLURRY ONTO SUBSTRATE
450
CATCH EXCESS SLURRY
460

Fig. 22

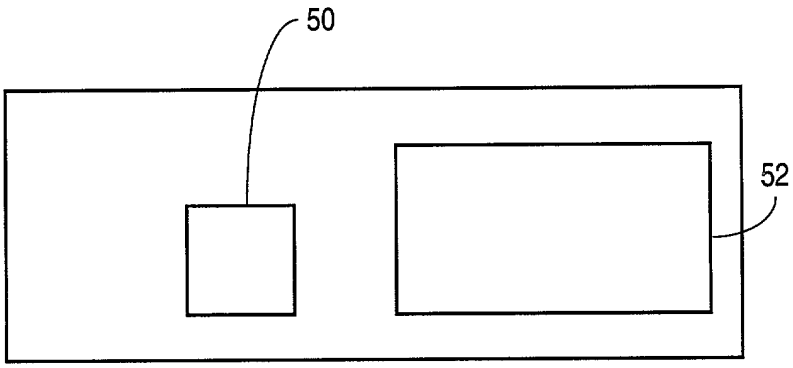


Fig. 23

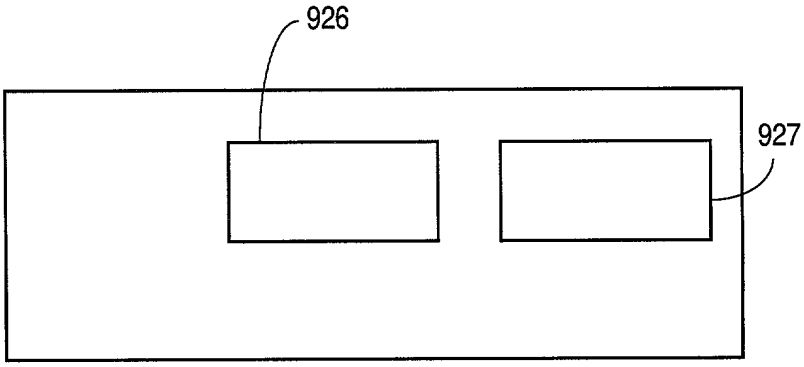


Fig. 24

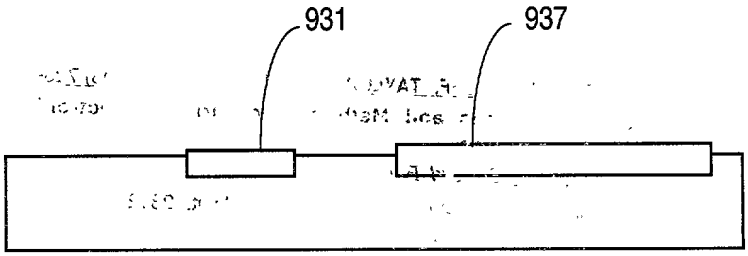


Fig. 25

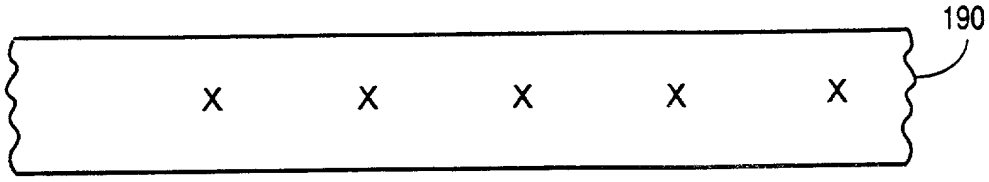


Fig. 26a

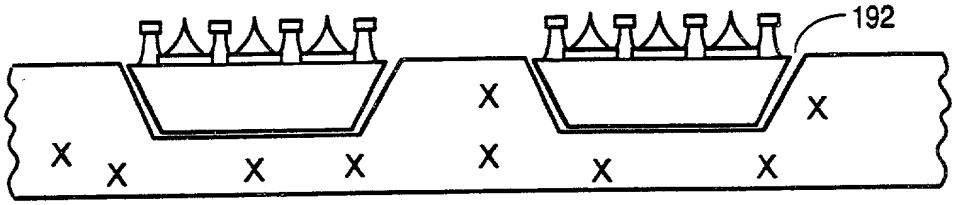


Fig. 26b

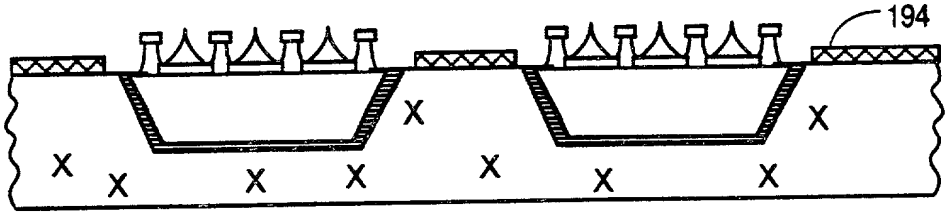


Fig. 26c

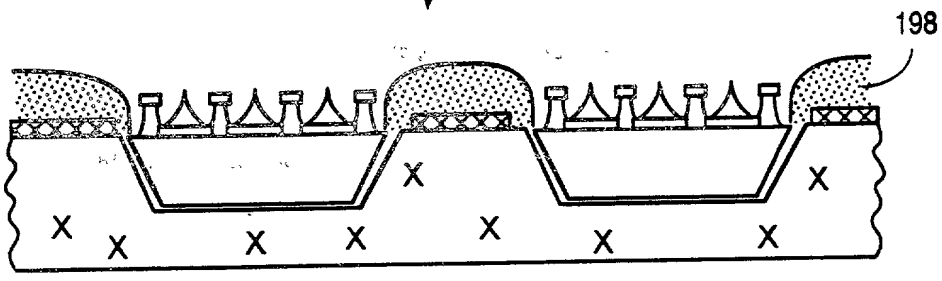


Fig. 26d

Doc. 1 of 5 - 2005-0415-US

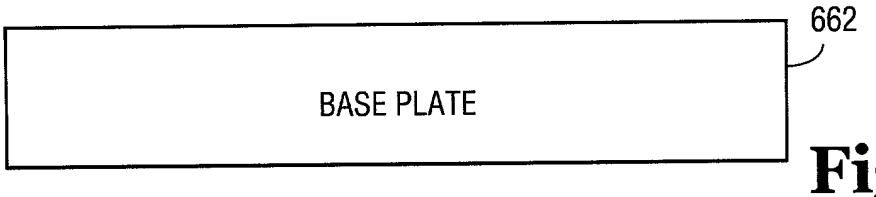


Fig. 27A

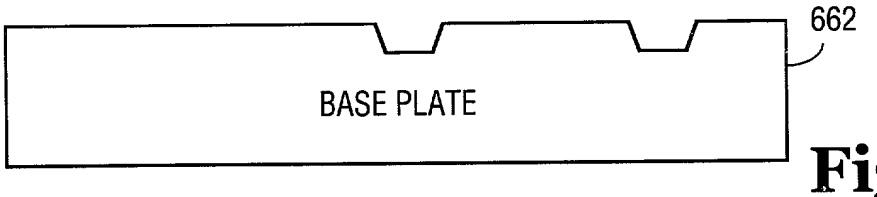


Fig. 27B

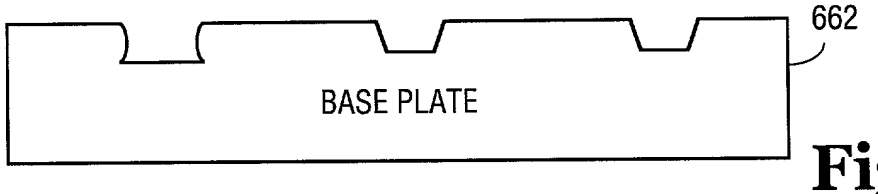


Fig. 27C

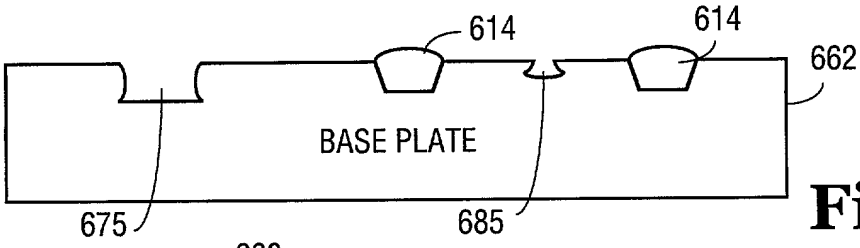


Fig. 27D

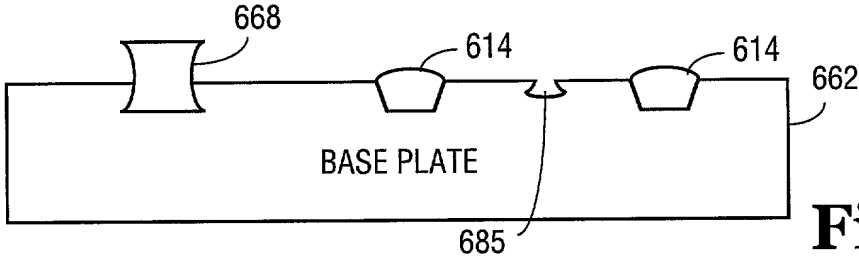


Fig. 27E

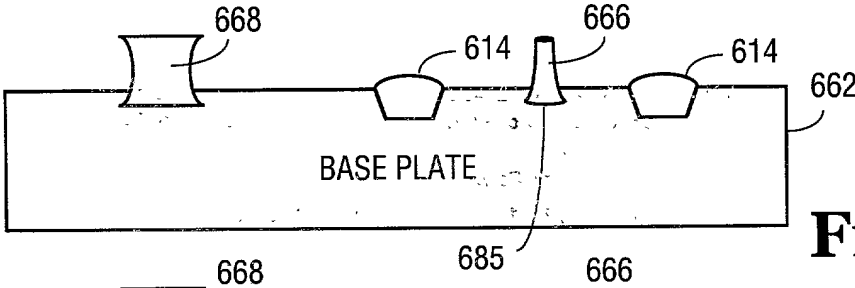


Fig. 27F

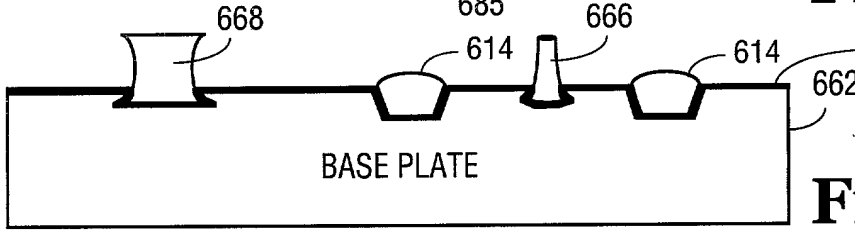


Fig. 27G

Docket No. 95-0275

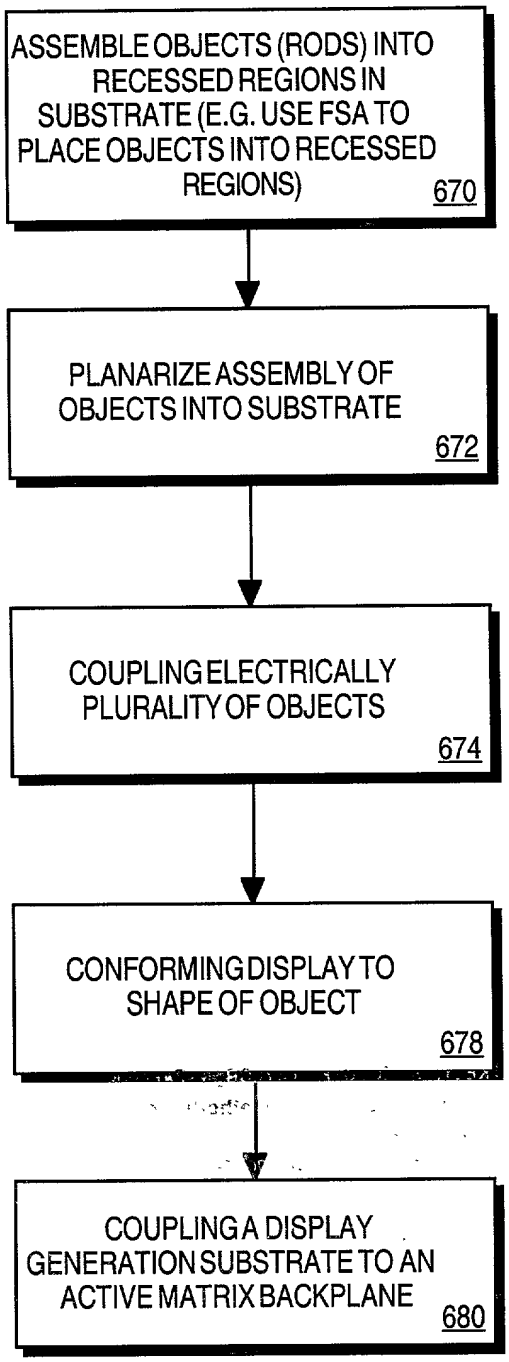


Fig. 28

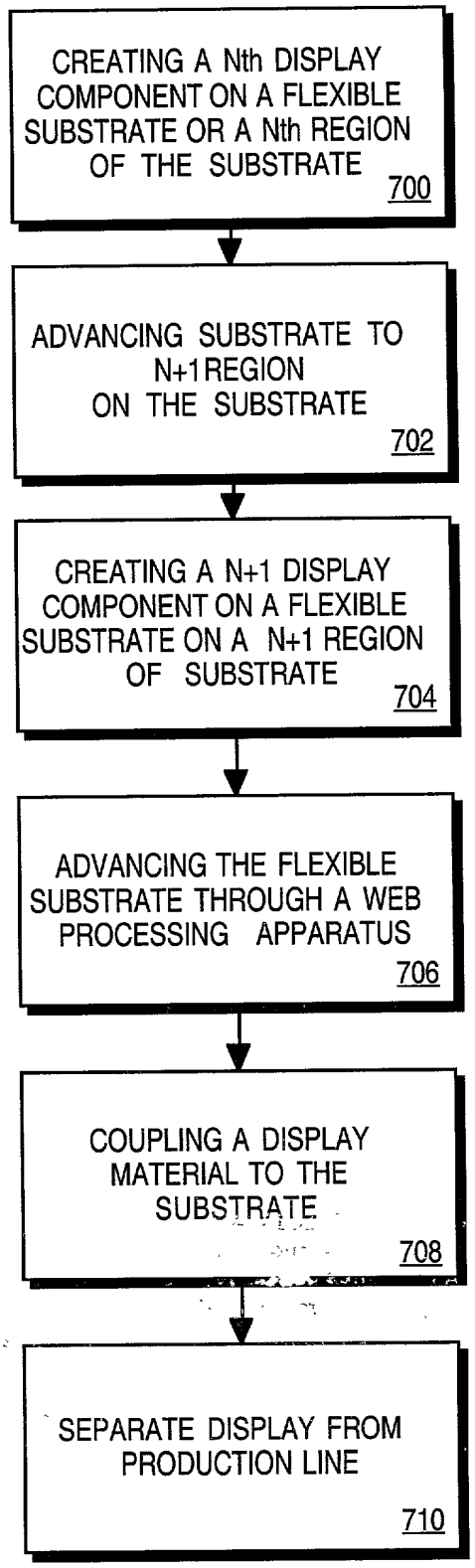

CREATING A Nth DISPLAY COMPONENT ON A FLEXIBLE SUBSTRATE OR A Nth REGION OF THE SUBSTRATE
700
ADVANCING SUBSTRATE TO N+1 REGION ON THE SUBSTRATE
702
CREATING A N+1 DISPLAY COMPONENT ON A FLEXIBLE SUBSTRATE ON A N+1 REGION OF SUBSTRATE
704
ADVANCING THE FLEXIBLE SUBSTRATE THROUGH A WEB PROCESSING APPARATUS
706
COUPLING A DISPLAY MATERIAL TO THE SUBSTRATE
708
SEPARATE DISPLAY FROM PRODUCTION LINE
710

Fig. 29

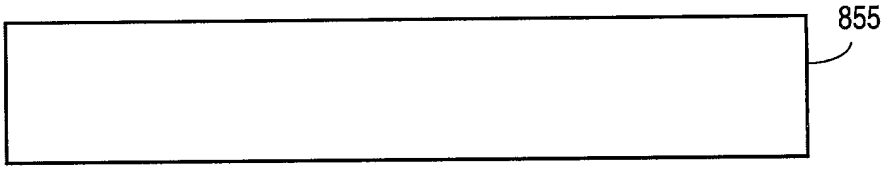


Fig. 30A

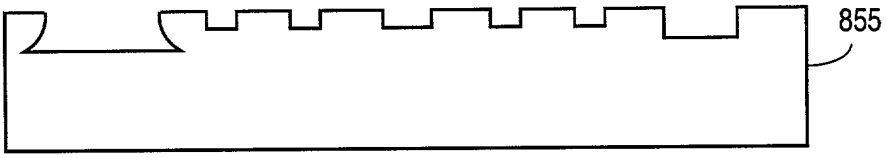


Fig. 30B

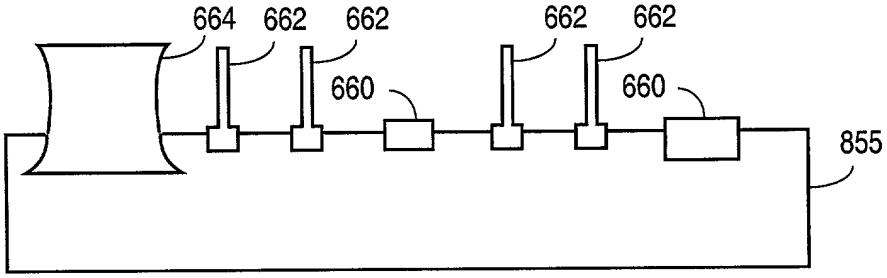


Fig. 30C

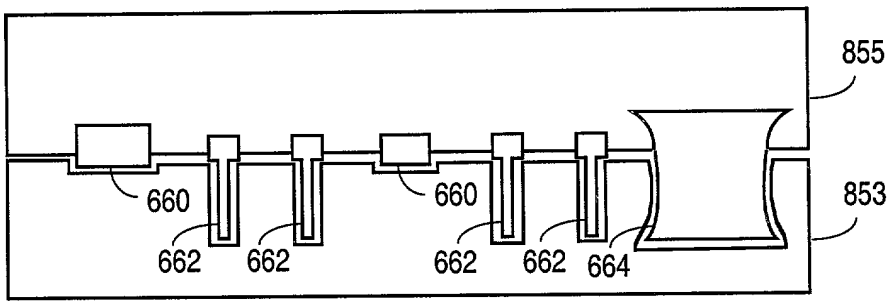


Fig. 30D

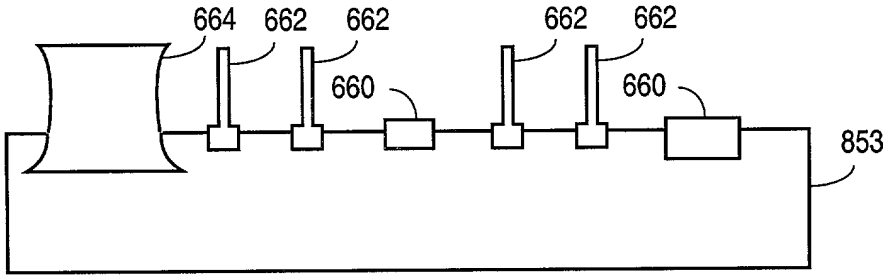


Fig. 30E

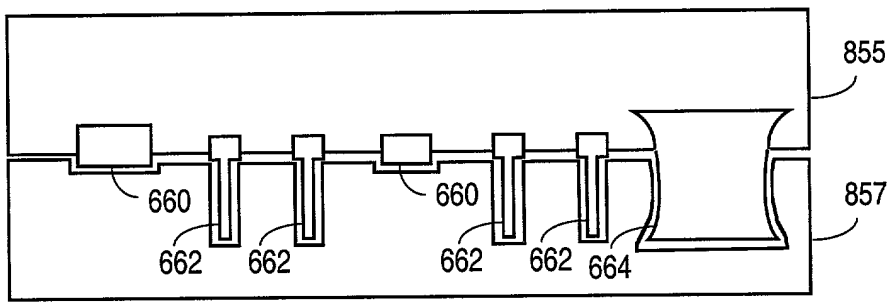


Fig. 30F